

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 2124

In re

Patent Application of

Neal J. Seidl

Application No. 10/694,039

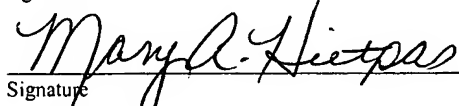
Confirmation No.: 3877

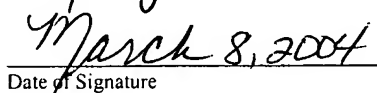
Filed: October 27, 2003

Examiner: Unknown

“WIRELESS COMMUNICATION SYSTEM
AND METHOD”

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INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(b)

Commissioner for Patents
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Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of which are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

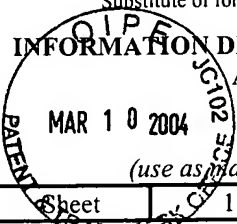
Respectfully submitted,



Elizabeth A. Egasti
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Substitute of form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary) Sheet 1 of 3				Complete if Known	
				Application Number	10/694,039
				Filing Date	October 27, 2003
				First Name Inventor	Neal J. Seidl
				Group Art Unit	2124
				Examiner Name	Unknown
				Attorney Docket Number	039199-9541-00

U.S. PATENT DOCUMENTS				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Filing or Publication of Cited Document
		2002/0118780	Hurley, et al.	8/29/2002
		10/704430	Carvalho, et al	11/7/2003

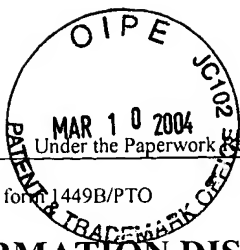
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract

Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/694,039
				Filing Date	October 27, 2003
				First Named Inventor	Neal J. Seidl
				Group Art Unit	2124
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	039199-9541-00

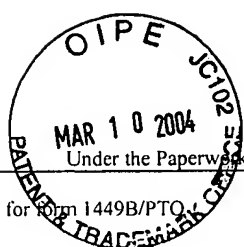
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		D.R. Pauluzzi and N.C. Beaulieu, "A Comparison of SNR Estimation Techniques for the AWGN Channel," <i>IEEE Transactions on Communications</i> , vol. 48, No. 10, pp. 1681-1691, October 2000
		T.R. Benedict and T.T. Soong, "The joint estimation of signal and noise from the sum envelope," <i>IEEE Trans. Information Theory</i> , vol. IT-13, pp. 447-454, July 1967.
		P.J. Bickel and K.A. Doksum, <i>Mathematical Statistics</i> , Holden-Day, 1977.
		V.K. Rohatgi, <i>An Introduction to Probability Theory and Mathematical Statistics</i> , John Wiley and Sons, 1976.
		Murota, K. and Hirade, K. "GMSK Modulation for Digital Mobile Radio Telephony," <i>IEEE Transaction on Communications</i> , Vol. COM-29, pp. 1044-1050, No. 7, July 1981.
		Pasupathy, S., "Minimum Shift Keying: A Spectrally Efficient Modulation," <i>IEEE Communications Magazine</i> , Vol. 0163-6804/79/0700-0014, July 1979.
		Elnoubi, S.M. "Analysis of GMSK with Differential Detection in Land Mobile Radio Channels," <i>IEEE Transactions on Vehicular Technology</i> , Vol. VT-35, No. 4, November 1986.
		R. de Buda, "Coherent demodulation of frequency-shift keying with low deviation ratio," <i>IEEE Trans. Communications</i> , vol. COM-20, pp. 429-435, June 1972.
		P. Galko and S. Pasupathy, "Linear receivers for correlatively coded MSK," <i>IEEE Trans. Communications</i> , vol. COM-33, April 1985, pp. 338-347.

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Sheet	3	of	3	Attorney Docket Number	039199-9541-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		G.K. Kaleh, "Simple coherent receivers for partial response continuous phase modulation," <i>IEEE Journal on Selected Areas of Communication</i> , vol. SAC-7, Dec. 1989.
		P. Laurent, "Exact and approximate construction of digital phase modulations by superposition of amplitude modulated pulses," <i>IEEE Trans. Communications</i> , vol. COM-34, pp. 150-160, Feb. 1986.
		N. Al-Dhahir and G. Saulnier, "A high-performance reduced-complexity GMSK demodulator," <i>IEEE Trans. Communications</i> , vol. 46, pp. 1409-1412, Nov. 1998.
		F. Amoroso and J.A. Kivett, "Simplified MSK signaling technique," <i>IEEE Trans. Communications</i> , vol. COM-25, pp. 433-441, April 1977.
		W.P. Osborne and M.B. Luntz, "Coherent and NonCoherent Detection of CPFSK," <i>IEEE Trans. Communications</i> , vol. COM-22, pp. 1023-1036, August 1974
		M.S. Hodgart and J.A. Schoonees, "A robust MSK demodulator through DSP," <i>Proc. IEEE 1992 S. African Symposium on Communications and Signal Processing</i> , Sept. 1992.
		K.H. Mueller and M.S. Muller, "Timing recovery in digital synchronous data receivers," <i>IEEE Trans. Communications</i> , vol. COM-24, pp. 516-531, May 1976.
		T.I. Laakso, V. Valimaki, M. Karjalainen and U.K. Laine, "Splitting the unit delay," <i>IEEE Signal Processing Magazine</i> , vol. 13, pp. 30-60, Jan. 1996.

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